



1645

RECEIVED

Please type plus sign (+) inside this box → +

PTO/SB/21 (08-00)

Approval for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/016,647
		Filing Date	Dec 10, 2001
		First Named Inventor	Friddle, Carl Johan
		Group Art Unit	1645
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	1	Attorney Docket Number	LEX-0284-USA

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	- Return Postcard
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> Request for Refund	- Supplemental Form PTO1449 and copies of 10 references cited
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	- International Search Report as Reference CR
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Lexicon Genetics Incorporated Lance K. Ishimoto Reg. No. 41,866	
Signature	Lance K. Ishimoto, David W. Haber <i>Lance K. Ishimoto, David W. Haber DAVID W. HABER REG. NO. 41,866</i>	24231 PATENT TRADEMARK OFFICE
Date	December 11, 2002	

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Arlington, VA 22202 on this date: December 11, 2002			
Typed or printed name	Michelle Klein		
Signature	Michelle Klein	Date	December 11, 2002



P#6

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Friddle et al.	Group Art Unit:	1645
Application No.:	10/016,647	Examiner:	To Be Assigned
Filed:	December 10, 2001		
Title:	Novel Human Ion Channel Protein and Polynucleotides Encoding the Same		
Attorney Docket No.: LEX-0284-USA			

TECH CENTER 1600/2900  
DEC 16 2002  
**RECEIVED**

Assistant Commissioner for Patents  
Box AF  
Arlington, VA 22202

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

This Supplemental Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or

(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97(c) together with either a:

Certification under 37 CFR 1.97(e), or  
 a \$240.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97(d) together with a:

Certification under 37 CFR 1.97(e), and  
 a petition under 37 CFR 1.97(d)(2)(ii), and  
 a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.



24231

PATENT TRADEMARK OFFICE

The relevance of the attached references is that under 37 CFR § 1.97 (e)(1) each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application corresponding to the above-identified application not more than three (3) months prior to the filing of this Information Disclosure Statement.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement to Lexicon Genetics Deposit Account No. 50-0892. A copy of this sheet is enclosed.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

December 11, 2002  
Date

*Lance K. Ishimoto by David W. Weber* DAVID W. WEBER  
Reg. No. 41,071

Lance K. Ishimoto

Reg. No. 41,866

LEXICON GENETICS INCORPORATED  
8800 Technology Forest Place  
The Woodlands, TX 77381  
(281) 863-3333

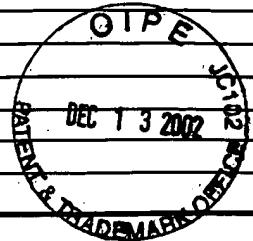


Please type &amp; plus sign (+) inside this box → □

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## Complete if Known

Substitute for form 1449A/PTO					
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>					
Shee	1	of	1	Attorney Docket Number	LEX-0284-USA
(use as many sheets as necessary)					



## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	CI	DE	198 41 413 C		FORSCHUNGSGESELLSCHAFT GENIO	09-23-1999		
	CJ	WO	96 03415 A		HUMAN GENOME SCIENCES INC	02-08-1996		
	CK	WO	00 01811 A		ICAGEN INC	01-13-2000		

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CL	THE SANGER CENTRE (uk) AND THE WASHINGTON UNIVERSITY GENOME SEQUENCING CENTER (USA): "Toward a complete human genome sequence" GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, US, "ONLINE!" VOL. 8, NO. 11, xp002169000, ISSN: 1088-9051	
	CM	DATABASE EBI 'Online! 16 March 2000, "Homo sapiens BAC clone RP11/804P20 from 2, complete sequence" retrieved from EBI Database accession no. AC025750	
	CN	BONALDO FATIMA DE ME ET AL: "NORMALIZATION AND SUBTRACTION: TWO APPROACHES TO FACILITATE GENE DISCOVERY" GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, US, vol. 6, no. 9, 1 September 1996, pages 791-806, XP02039972, issn: 1088-9051	
	CO	DATABASE EBI 'Online! 7 July 1998, "UI-R-CO-jl-g-04-0-UI-R-CO Rattus norvegicus cDNA clone" retrieved from EBI Database accession no. AI043703 abstract	
	CP	MAHAIRAS G G ET AL: "SEQUENCE-TAGGED CONNECTORS: A SEQUENCE APPROACH TO MAPPING AND SCANNING THE HUMAN GENOME: PROCEEDING OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 96, August 1999, pages 9739-9744, XP002936727, ISSN: 0027-8424	
	CQ	DATABASE EBI 'Online! 17 April 1999, MAHAIRAS, G.G. ET. AL: "HS_5066_A2_E01_T7A RPCI-11 Human Male BAC Library Homo sapiens genomic clone" retrieved from EBI Database accession no. AQ402619	
	CR	International Search Report	

TECH CENTER 16 RECEIVED  
DEC 16 2002

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial